

Title (en)
ENVELOPE TRACKING SUPPLY MODULATOR TOPOLOGY FOR WIDE-BANDWIDTH RADIO FREQUENCY TRANSMITTER

Title (de)
HÜLLKURVENVERFOLGUNGSBEREITSTELLUNGSMODULATORTOPOLOGIE FÜR HOCHFREQUENZSENDER MIT GROSSER BANDBREITE

Title (fr)
TOPOLOGIE DE MODULATEUR D'ALIMENTATION DE SUIVI D'ENVELOPPES POUR UN ÉMETTEUR RADIOFRÉQUENCE À GRANDE LARGEUR DE BANDE

Publication
EP 3562033 A1 20191030 (EN)

Application
EP 19170940 A 20190424

Priority
• US 201862662969 P 20180426
• US 201916379720 A 20190409

Abstract (en)
A package or a chip including a linear amplifier and a power amplifier is provided, wherein the linear amplifier is configured to receive an envelope tracking signal to generate an amplified envelope tracking signal, the power amplifier is supplied by an envelope tracking supply voltage comprising a DC supply voltage and the amplified envelope tracking signal, and the power amplifier is configured to receive an input signal to generate an output signal.

IPC 8 full level
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CPC (source: CN EP US)
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Citation (search report)
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• [X] EP 2980988 A1 20160203 - SKYWORKS SOLUTIONS INC [US] & US 2018159476 A1 20180607 - BALTEANU FLORINEL G [US], et al
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 19170940 A 20190424; CN 201910339588 A 20190425; TW 108114642 A 20190426; US 201916379720 A 20190409; US 202318096501 A 20230112